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PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.

LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

DETAILED STATEMENT SHOWING THE PLACE, THE QUANTITY, AND PRICE OF SEEDS PURCHASED, AND THE DATES OF PUR-CHASE, AS REQUIRED BY ACT OF JUNE 30, 1914, (38 STAT. L., 424).

January 7, 1916.—Referred to the Committee on Agriculture and Forestry and ordered to be printed.

DEPARTMENT OF AGRICULTURE, Washington, January 5, 1916.

SIR: In connection with the expenditure of the appropriation "Purchase and distribution of valuable seeds, 1915," I have the honor to transmit herewith a detailed statement showing the place, the quantity, and price of seeds purchased, and the dates of purchase, as required by the act of June 30, 1914 (38 Stat. L., 424).

A copy of this report has also been transmitted to the Speaker of

the House of Representatives.

Very respectfully,

D. F. Houston,
Secretary.

The President of the Senate.

Statement of vegetable, flower, and grass seeds purchased for 1914–15, congressional seed distribution, showing place, quantity, and price of seeds purchased and date purchased.

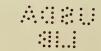
Kind.	Place purchased.	Date pur- chased.1	Quan- tity.			Cost.
Do	Jackson, MichdoSioux City, Iowadododo	Jan. 28, 1914 Jan. 31, 1914	Bushels. 272 241 300 97½ 80	4 2 1 1	\$2.80 3.10 2.75 3.35 2.75	\$761, 60 747, 10 825, 00 326, 63 220, 00
Beans, pole	Los Angeles, Cal	do	990½ 510	2	3.00	2,880.33 1,530.00

¹ Date purchased indicates date when order was placed; not date of delivery of seed.



Statement of vegetable, flower, and grass seeds purchased for 1914–15, congressional seed distribution, showing place, quantity, and price of seeds purchased and date purchased—Continued.

Kind.	Place purchased.	Date pur- chased.	Quan- tity.	Number of variety.	Price.	Cost.
VEGETABLE—contd. Beet. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do	London, England do	Aug. 11, 1914 Jan. 30, 1914 Jan. 27, 1914 do Aug. 8, 1914	Pounds. 18,000 14,500 7,300 3,/49 3,639 1,680	4 5 2 1 1	$\$0.07^{1\over2}_{2}$ $.07^{1\over2}_{2}$ $.08^{1\over4}$ $.08^{3}_{4}$ $.07^{1}_{2}$ $.09^{3}_{4}$	\$1,350.00 1,087.50 602.25 328.04 272.93 163.80
Brussels sprouts	London, Englanddo	Jan. 27, 1914 Aug. 11, 1914	3,500 2,000	1 1	. 17	3,804.52 ====================================
			5,500			1,035.00
Cabbage	dododoLangport, Englanddododododododo.	Aug. 15, 1914 do Aug. 8, 1914 dododo	7,500 5,000 3,922 1,976 899 600	3 4 2 4 1 1	$egin{array}{c} .28 \\ .25 \\ .39 \\ .24 ^1_1 \\ .24 ^3_4 \\ .28 ^1_4 \end{array}$	2,100.00 1,250.00 1,529.58 479.18 222.50 169.50
			19,897			5,750.76
Carrot	San Jose, Caldo. Gilroy, Cal Langport, England	Jan. 28, 1914 May 15, 1914 Jan. 29, 1914 Aug. 8, 1914	15,000 4,020 13,821 1,274	1 1 1 1	.11 .11 .11 .13	1,650.00 442.20 1,520.31 165.62
			34,115			3,778.13
Corn, sweet	Sioux City, Iowa Valley, Nebr Jackson, Mich do Fremont, Nebr Lincoln, Nebr	Jan. 31,1914 Jan. 29,1914 do Jan. 31,1914 July 20,1914 Jan. 29,1914	Bushels. 1,000 1,000 500 150 500 114 500	3 1 1 1 1 1 1	1. 45 1. 40 1. 50 2. 00 1. 25 1. 25 1. 50	1, 450, 00 1, 400, 00 750, 00 300, 00 625, 00 142, 50 750, 00
	,		3,764			5, 417. 50
CucumberDoDo	Rocky Ford, Colodo Cambridge, N. Y	Мау 15, 1914 Геb. 2, 1914 Jan. 29, 1914	Pounds. 14,015 13,049 5,000	2 1 1	. 20 . 20 . 20	2,803.00- 2,609.80 1,000.00
			32,064			6, 412. 80
Endive	San Jose, Cal	Jan. 28, 1914	1,100	2	. 25	275.00
Kale Do	Langport, England Boston, Mass	Jan. 27, 1914 Jan. 29, 1914	$1,308 \\ 1,250$	1	.16	209.28 250.00
			2,558			459.28
Kohl rabi	San Jose, Cal Langport, England	Jan. 28, 1914 Aug. 21, 1914	2,999 2,464	3 1	$22\frac{1}{2}$ $29\frac{1}{4}$	674. 78 720. 72
	, o	,	5,463			1, 395. 50
Lettuce	San Jose, Caldododododododo	Jan. 24, 1914 Jan. 28, 1914 do Jan. 29, 1914 do Feb. 2, 1914 Oct. 2, 1914	35, 098 21, 697 9, 900 3, 000 3, 000 2, 000 3, 800 1, 020	13 4 5 1 1 1 3 1	$\begin{array}{c} .18 \\ .14 \\ .20 \\ .15 \\ .18\frac{1}{2} \\ .17\frac{1}{2} \\ .18 \\ .20 \\ \end{array}$	6,317.64 3,037.58 1,980.00 450.00 555.00 350.00 684.00 204.00
			79, 515			13, 578. 22



PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.

Statement of vegetable, flower, and grass seeds purchased for 1914–15, congressional seed distribution, showing place, quantity, and price of seeds purchased and date purchased—Continued.

Kind.	Place purchased.	Date pur- chased.	Quan- tity.	Number of variety.	Price.	Cost.
VEGETABLE—contd. Muskmelon Do. Do. Do. Do. Do. Do. Do. Do.	Rocky Ford, Colodo. Cambridge, N. Y. Rocky Ford, Colododo.	Jan. 29, 1914 Sept. 4, 1914 Jan. 29, 1914 do Sept. 4, 1914 Jan. 28, 1914	Pounds. 7,000 21,529 10,947 10,657 5,000 4,556	1 2 2 1 1 1	$\$0.13\frac{1}{2}$ $.12$ $.12$ $.12$ $.12$ $.12$ $.12$ $.12$	\$945.00 2,583.48 1,313.64 1,278.84 600.00 569.50
Onion	San Jose, Cal. do. do. do. do. Gilroy, Cal. Washington, D. C. Cambridge, N. Y.	do do May 9,1914 Sept. 3,1914 do Sept. 29,1914 Jan. 29,1914	59, 689 21, 638 9, 495 10, 089 711 61½ 5, 990 4, 875 4, 000	1 1 1 1 3 2 1	$\begin{array}{c} .24\frac{1}{2} \\ .22\frac{1}{2} \\ .24\frac{1}{2} \\ .35 \\ .40 \\ .27 \\ .21 \\ .20 \end{array}$	7,290.46 5,301.31 2,136.38 2,471.81 248.85 24.60 1,617.30 1,023.75 800.00
Parsley Do	London, England Langport, England	Aug. 11, 1914 Jan. 27, 1914	56, 859½ 1, 500 1, 286 2, 786	1	$\overset{\circ}{.} 10 \ . 15^{3}_{4}$	13, 624. 00 150. 00 202. 55 352. 55
Parsnip	Langport, Englanddododododododo	Jan. 27,1914 Aug. 8,1914 do Aug. 21,1914 do Aug. 11,1914 Jan. 29,1914	4,000 3,360 2,847 4,480 1,120 5,000 4,500	1 1 1 1 1 1	$\begin{array}{c} .06\frac{1}{4} \\ .07\frac{1}{4} \\ .07 \\ .07 \\ .07\frac{1}{2} \\ .07\frac{1}{4} \\ .06 \\ .06 \end{array}$	250. 00 243. 60 199. 29 336. 00 81. 20 300. 00 270. 00
Peas	Milford, Conndo	July 8,1914	25,307 Bushels. 2,000 1,000 3,000	2 1	2, 00 2, 25	1,680.09 4,000.00 2,250.00 6,250.00
Radish	Langport, Englanddododododododo	Jan. 27,1914do	Pounds. 16,839 16,852 13,000 7,000 2,668 1,120 30,000 7,300 5,695 7,000 5,000 5,000	1 1 2 1 1 1 5 3 5 4 1 1	$\begin{array}{c} \cdot 11^{\frac{1}{4}}_{-1} \\ \cdot 10^{\frac{1}{2}}_{-2} \\ \cdot 10^{\frac{1}{4}}_{-4} \\ \cdot 09^{\frac{3}{4}}_{-2} \\ \cdot 11 \\ \cdot 12^{\frac{1}{2}}_{-2} \\ \cdot 10 \\ \cdot 11 \\ \cdot 12 \\ \cdot 11 \\ \cdot 10 \\ \end{array}$	1, 894. 39 1, 769. 46 1, 332. 50 682. 50 293. 48 140. 00 2, 550. 00 626. 45 840. 00 550. 00
Spinach	London, England Langport, England	Aug. 15,1914 Aug. 8,1914	2,500 1,581	1 2	. 05½ . 06	11, 908. 78 137. 50 94. 86
Squash	Valley, Nebrdo Washington, D. C Fremont, Nebr Rocky Ford, Colo	Jan. 29, 1914 May 15, 1914 Jan. 29, 1914 Jan. 31, 1914 May 15, 1914	1,500 7,000 5,017 1,000 645	1 1 1 1 1	. 19 . 19 . 21½ . 21 . 21	285. 00 1,330. 00 1,078. 66 210,00 135. 45
Tomato	Pedricktown, N.J Milford, Conn	Sept. 24,1914 Jan. 29,1914	15, 162 6,000 5,000 11,000	1 1	22 $23\frac{1}{2}$	3,039.11 1,320.00 1,175.00 2,495.00



Statement of vegetable, flower, and grass seeds purchased for 1914–15, congressional seed distribution, showing place, quantity, and price of seeds purchased and date purchased—Continued.

Kind.	Place purchased.	Date pur- chased.	Quan- tity.	Number of variety.	Price.	Cost.
VEGETABLE—contd. Turnip	London, England do do do do do	Aug. 15, 1914 Jan. 29, 1914	Pounds. 10,000 5,000 15,000 15,000 10,000 10,000 10,900 3,932	1 1 2 2 2 1 2 1 1	\$0.08 .08 .07 .07 .09 .08½ .09 .09 ³	\$800.00 400.00 1,050.00 1,050.00 900.00 850.00 806.40 383.37
Watermelon. Do. Do. Do. Do.	Nash, Okla	Feb. 2, 1914 Jan. 28, 1914 May 25, 1914 do	77,892 2,580 2,386 1,012 700 6,678	1 4 1 1	.09 .10 .12 .12	6,239.77 232.20 238.60 121.44 84.00 676.24
FLOWER Antirrhinum	London, Englanddo	Aug. 11,1914 Aug. 15,1914	50 25 75	1 1	1. 25 1. 25	62. 50 31. 25 93. 75
Balsam	Langport, England London, England Boston, Mass St. Remy de Provence, France.	Jan. 27, 1914 Jan. 30, 1914 Jan. 29, 1914 Feb. 3, 1915	400 300 150 100 950	1 1 1 1	. 84 . 75 . 75 . 75	336.00 225.00 112.50 75.00
Calendula Do Do	Kendrick, Idahodo Los Angeles, Cal	Feb. 2,1914 Oct. 29,1914 Jan. 28,1914	1,226 179 655 2,060	1 1 1	. 24 . 40 . 25	294. 24 71. 60 163. 75 529. 59
Candytuft Do	do do London, England	Feb. 2, 1914 May 15, 1914 Oct. 29, 1914 Dec. 17, 1914 Aug. 11, 1914 Aug. 15, 1914 do. Nov. 2, 1914 Jan. 29, 1914	1,100 500 800 432 200 200 200 402 274 4,108	1 1 1 1 1 1 1 1	.34 .34 .65 .65 .28 .28 .25 .75	374.00 170.00 520.00 280.80 56.00 50.00 301.50 95.90
Castor bean	Paris, France	Feb. 28, 1914	100	1	.111	11. 25
Chrysanthemum	Odense, Denmark Arroyo Grande, Cal	Feb. 4,1915 Nov. 2,1914	100 66 166	1 1	.40	40.00 39.60 79.60
Coreopsis	Enkhuizen, Hollanddo London, England	Jan. 26, 1914 do Aug. 15, 1914	448 448 100	1 1 1	. 2173 . 239 . 40	97.35 107.07 40.00
Celosia	do	do	996	1	. 50	50.00
Delphinium			200	1	1.00	200.00
Dianthus, double Do Do Do Do	Fairfield, Wash	Nov. 2,1914 Feb. 2,1914 Jan. 29,1914 Aug. 11,1914 Aug. 15,1914	204 191 113 50 50	1 1 1 1	1. 25 . 89 . 85 . 85 . 85	255. 00 169. 99 96. 05 42. 50 42. 50
			608			606.04



Statement of vegetable, flower, and grass seeds purchased for 1914–15, congressional seed distribution, showing place, quantity, and price of seeds purchased and date purchased—Continued.

Kind.	Place purchased.	Date pur- chased.	Quan- tity.	Number of variety.	Price.	Cost.
FLOWER—continued.						
Dianthus, single	Arroyo Grande, Cal	Nov. 2, 1914	Pounds.	1	\$1.25	\$255.00
Do	doFairfield, Wash London, England	Feb. 4, 1915 Jan. 29, 1914	100 184	1 1 1	1.25 .75	125.00 138.00
Do	London, England	Aug. 11, 1914 Aug. 15, 1914	75 75	1 1	.85	63. 75 63. 75
Do	Kendrick, Idaho	Feb. 2, 1914	115	1	.89	102.35
			- 753			747.85
Eschscholtzia	Enkhuizen, Holland	Jan. 26, 1914	810	1	. 3041	246.32
Kochia Do	Kendrick, Idaho	Feb. 4,1914 Nov. 29,1914	1,500 979	1 1	.26	390.00 440.55
Do	Randolph, Wis	Jan. 29, 1914	833	ī	. 19	158.27
			3,312			988.82
Morning glory, dwarf	Paris, France	Jan. 26, 1914	500	1	$10\frac{1}{2}$	52.50
Morning glory, tall	London, England	Aug. 11,1914 Aug. 15,1914	1,000 1,000	1	.11	110.00 110.00
Do	Paris, France	Jan. 26, 1914 Jan. 27, 1914	1,750 220	1 1 1	$.11\frac{1}{2}$ $.12$	201. 25 26. 40
Do	Langport, England	Jan. 21, 1914	3,970	1	.12	447.65
Viemonette	do	do	1,650	1	$.20\frac{1}{2}$	338. 25
Do	Arrovo Granda Cal	Nov 2 1014	1,015 200	1	. 50	507.50
Do	Los Angeles, Cal Chicago, Ill	Feb. 5, 1915 Feb. 4, 1915	610	1	.50	100.00 488.00
D0	Chicago, III	Feb. 4, 1914	100	1	.18	18.00
			3,575			1,451.75
Nasturtium, dwarf	London, Englanddododododododo	Aug. 11,1914 Aug. 15,1914 Oct. 20,1914	2,500 2,500	1	.13 .13	325.00 315.00
Do	do	Oct. 20,1914	500	1	.13	65.00
			5,500			715.00
Do	do	Aug. 11,1914 Aug. 15,1914 Oct. 20,1914	2,500 2,500	1 1	.10	250.00 250.00
Do	Los Angeles, Cal	Oct. 20, 1914 Feb. 4, 1915	500 662	1 1	.10	50.00 198.60
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6,162			748.60
Petunia	London, England	Aug. 11, 1914	100	1	1.35	135.00
Do	do	Aug. 11,1914 Aug. 15,1914	100	1	1.35	135.00
			200			270.00
Poppy, double	Arroyo Grande, Caldo London, England	Nov. 2,1914 Feb. 5,1915 Aug. 15,1914 Feb. 4,1915	209 295	1 1	.50	104.50 147.50
Do	London, England Los Angeles, Cal	Aug. 15, 1914	300 253	1 1	.32	96. 00 189. 75
Do	Chicago, Ill.	Feb. 4, 1914	200	1	.14	28.00
			1, 257			565.75
Poppy, single	Kendrick, Idaho	Feb. 2,1914 Jan. 29,1914	1,284	1	.30	385. 20
Do	Kendrick, Idaho Fairfield, Wash Arroyo Grande, Cal	Nov. 2, 1914	1,078 201	1	.30	323. 40 100. 50
			2,563			809.10
Portulaca	London, England	Aug. 11, 1914	50	1	1.00	50.00
Do	do	Aug. 15, 1914	50	1	1.00	50.00
C		Ti b	100		1.00	100.00
Sweet alyssum	do	Feb. 4,1915	150 $298\frac{1}{2}$	1 1	$1.00 \\ 1.25$	150.00 373.13
Do	London, Englanddo	Aug. 11,1914 Aug. 15,1914	150 150	1 1	.75 .75	112.50 112.50
			7482			748.13
	1					

Statement of vegetable, flower, and grass seeds purchased for 1914-15, congressional seed distribution, showing place, quantity, and price of seeds purchased and date purchased—Continued.

Kind.	Place purchased.	Date pur- chased.	Quan- tity.	Number and variety.	Price.	Cost.
FLOWER—continued. Sweet peas Do	Fairfield, Wash Kendrick, Idaho	Jan. 29,1914 Feb. 2,1914	Pounds. 90 82 172	1	\$0.15 .14	\$13.50 11.48 24.98
Virginian stocks	London, England	Aug. 15,1914	1,000	1	. 30	300.00
Zinnia. Do. Do. Do. Do.	do	Jan. 30, 1914 May 15, 1914 Jan. 28, 1914 Apr. 4, 1914	500 351 505 600	1 1 1 1	.70 .70 .75 .75	350. 00 245. 70 378. 75 450. 00
LAWN GRASS SEED.			1,956			1,424.45
Kentucky bluegrass Fancy red top Perennial rye grass Bermuda grass White clover	Paris, Ky. New York, N. Y. Philadelphia, Pa. Phoenix, Ariz. Richmond, Va.	June 2,1914 do June 3,1914 do	7,528 1,430 992 527 475 10,952	1 1 1 1 1	$.0^{\circ}_{14}$ $.25$ $.04^{1}_{2}$ $.35$ $.34$	618.37 357.50 44.64 184.45 161.50 1,366.46

RECAPITULATION.

Kind.	Number of pounds.	Cost.	Kind.	Number of pounds.	Cost.
VEGETABLE.			FLOWER—continued.		
Beans, dwarf	59,430	\$2,880.33	Castor bean	100	\$11.25
Beans, pole	30,600	1,530.00	Chrysanthemum	166	79.60
Beet	48,868	3,804.52	Coreopsis	996	244. 42
Brussels sprouts	5,500	1,035.00	Celosia	100	50.00
Cabbage	19,897	5, 750. 76	Delphinium	200 608	200.00 606.04
Carrot	34,115 188,200	3,778.13 5,417.50	Dianthus, double Dianthus, single	753	747. 85
Corn Cucumber	32,064	6, 412. 80	Eschscholtzia	810	246.32
Endive.	1,100	275.00	Kochia	3,312	988. 82
Kale	2,558	459, 28	Morning glory, dwarf	500	52, 50
Kohl Rabi	5, 463	1,395.50	Morning glory, tall	3,970	447, 65
Lettuce	79,515	13, 578. 22	Mignonette	3,575	1, 451. 75
Muskmelon	59,689	7,290.46	Nasturtium, dwarf	5,500	715.00
Onion	$56,859\frac{1}{2}$	13,624.00	Nasturtium, tall	6,162	748.60
Parsley	2,786	352.55	Petunia	200	270.00
Parsnip	25,307	1,680.09	Poppy, double	1,257	565.75
Peas	168,000	6,250.00	Poppy, single	2,563	809.10
Radish	117, 474	11,908.78	Portulaca	100	100.00
Spinach	4,081	232.36	Sweet alyssum	$748\frac{1}{2}$ 172	748. 13 24. 98
Squash	15, 162	3,039.11	Sweet peas	1,006	300.00
Tomato	11,000 77,892	2,495.00 6,239.77	Virginian stocks Zinnia	1,956	1, 424. 45
Turnip Watermelon	6,678	676.24	Ziima	1, 900	1, 121. 10
watermelon,	0,013	010.21	Total	41,9413	14, 108, 25
Total	1.052 2381	100, 105. 40	10001	11,0112	11,100.20
100021	1,002,2002	200, 200. 10	ALL KINDS.	. (
FLOWER.					
			Vegetable seed	$1,052,238\frac{1}{2}$	100, 105. 40
Antirrhinum	75	93.75	Flower seed	$41,941\frac{1}{2}$	14, 108. 25
Balsam	950	748.50	Lawn grass seed	10,952	1,366.46
Calendula	2,060	529. 59		1 107 100	115 500 11
Candytuft	4,108	1,904.20	Grand total	1,105,132	115,580.11





